

WHAT IS CLAIMED IS:

1. A ventilation and deodorization system for a vehicle, comprising:

a receiving unit disposed to receive a remote operation signal from a portable terminal;

a door lock switching unit for performing a locking and an unlocking of a vehicle door;

an air conditioner which introduces outside air of a passenger compartment of the vehicle and blows the introduced outside air into the passenger compartment in a ventilation operation; and

a control device for controlling operation of the door lock switching unit and the air conditioner, wherein,

when the receiving unit receives a door unlocking request signal as the remote operation signal, the door lock switching unit is controlled by the control device to perform the unlocking of the vehicle door, and the air conditioner is controlled by the control device to perform the ventilation operation.

2. The ventilation and deodorization system according to claim 1, wherein:

the air conditioner includes a plurality of air outlets from which air is blown into the passenger compartment, and an air outlet opening/closing unit for opening and closing the air outlets; and

in the ventilation operation, the air outlet

opening/closing unit is controlled by the control device to open all the air outlets such that air is blown from all the air outlets.

3. The ventilation and deodorization system according to claim 1, wherein:

the control device has a door opening/closing detection unit for detecting a door opening of the vehicle,

when the door opening/closing detection unit detects the door opening of the vehicle in the ventilation operation, the control unit releases the ventilation operation.

4. The ventilation and deodorization system according to claim 1, wherein:

the control device releases the ventilation operation when a predetermined time passes after the ventilation operation is performed.

5. The ventilation and deodorization system according to claim 1, wherein:

the control device releases the ventilation operation when the door lock switching unit performs the locking of the vehicle door in the ventilation operation.

6. The ventilation and deodorization system according to claim 1, wherein:

in the ventilation operation, the air conditioner blows

the introduced outside air substantially by a maximum air-blowing capacity.

7. A ventilation and deodorization system for a vehicle, comprising

a receiving unit disposed to receive a remote operation signal from a portable terminal;

a door lock switching unit for performing a locking and an unlocking of a vehicle door;

an air cleaning device which introduces inside air of a passenger compartment of the vehicle, and blows the introduced inside air into the passenger compartment after cleaning in an air cleaning operation; and

a control device for controlling operation of the door lock switching unit and the air cleaning device, wherein:

when the receiving unit receives a door unlocking request signal as the remote operation signal, the door lock switching unit is controlled by the control device to perform the unlocking of the vehicle door, and the air cleaning device is controlled by the control device to perform the air cleaning operation.

8. The ventilation and deodorization system according to claim 7, wherein the air cleaning device is an air cleaner mounted in the vehicle to be separated from an air conditioner of the vehicle.

9. The ventilation and deodorization system according to claim 7, wherein:

the air cleaning device is provided in an air conditioner for performing an air conditioning operation of the passenger compartment;

the air conditioner includes a filter for filtering air, and a blowing unit for blowing air into the passenger compartment; and

in the air cleaning operation, the blowing unit blows the inside air after passing through the filter into the passenger compartment.

10. The ventilation and deodorization system according to claim 7, wherein:

the control device has a door opening/closing detection unit for detecting a door opening of the vehicle,

when the door opening/closing detection unit detects the door opening of the vehicle in the air cleaning operation, the control unit releases the air cleaning operation.

11. The ventilation and deodorization system according to claim 7, wherein:

the control device releases the air cleaning operation when a predetermined time passes after the air cleaning operation is performed.

12. The ventilation and deodorization system according

to claim 7, wherein:

the control device releases the air cleaning operation when the door lock switching unit performs the locking of the vehicle door in the air cleaning operation.

13. The ventilation and deodorization system according to claim 7, wherein:

in the air cleaning operation, the air conditioner blows the introduced inside air substantially by a maximum air-blowing capacity.

14. A ventilation and deodorization system for a vehicle, comprising

a receiving unit disposed to receive a remote operation signal from a portable terminal;

a door lock switching unit for performing a locking and an unlocking of a vehicle door;

an air cleaning device which introduces inside air of a passenger compartment of the vehicle, and blows the introduced inside air into the passenger compartment after cleaning in an air cleaning operation;

an air conditioner which introduces outside air of the passenger compartment of the vehicle and blows the introduced outside air into the passenger compartment in a ventilation operation; and

a control device for controlling operation of the door lock switching unit, the air cleaning device and the air

conditioner, wherein:

when the receiving unit receives a door unlocking request signal as the remote operation signal, the door lock switching unit is controlled by the control device to perform the unlocking of the vehicle door, and at least one of the air cleaning operation and the ventilation operation is performed.